

ABSTRACT OF THE DISCLOSURE

There is provided an optical transmitter and receiver that delivers a radio signal received from outside the optical transmitter and receiver to a wireless demodulation circuit

5 (16). A control circuit (10) controls a drive circuit (4) according to the radio signal. The optical transmitter and receiver sends an optical signal which is emitted according to a driving current from the drive circuit (4) by a light emitting element (5) into an optical cable (1a). A regenerating circuit

10 (7) converts an optical signal received by way of another optical cable (1b) into received data and a wireless modulation circuit (22) modulates a carrier wave with the received data so as to generate a radio signal and then outputs the radio signal to outside the optical transmitter and receiver by way of an antenna

15 (15).